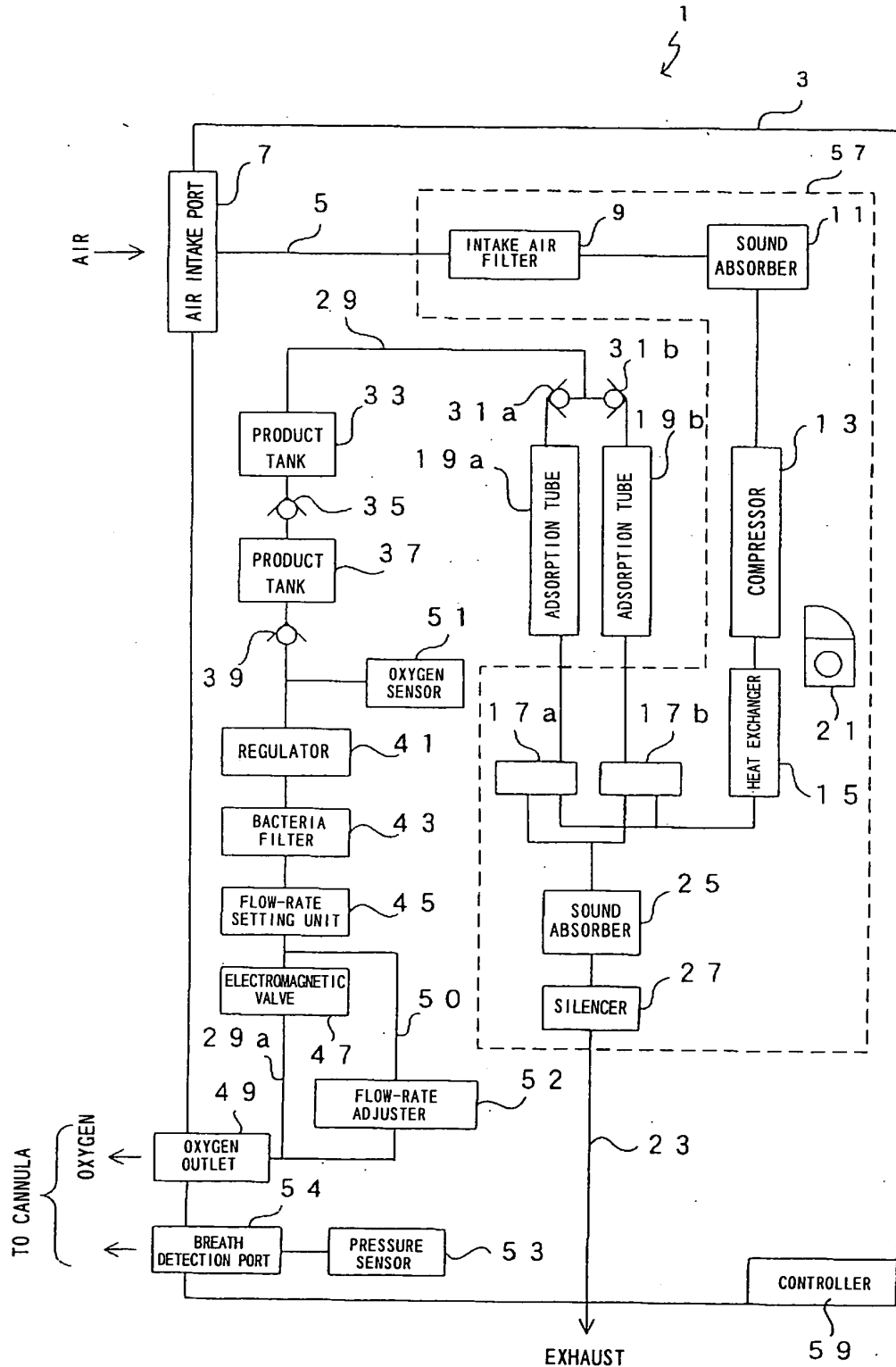


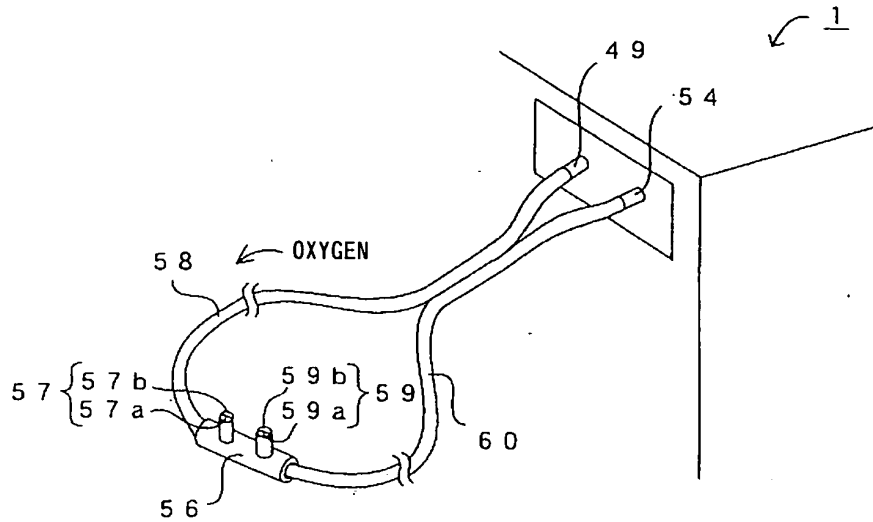
[DOCUMENT NAME]

[FIG. 1]

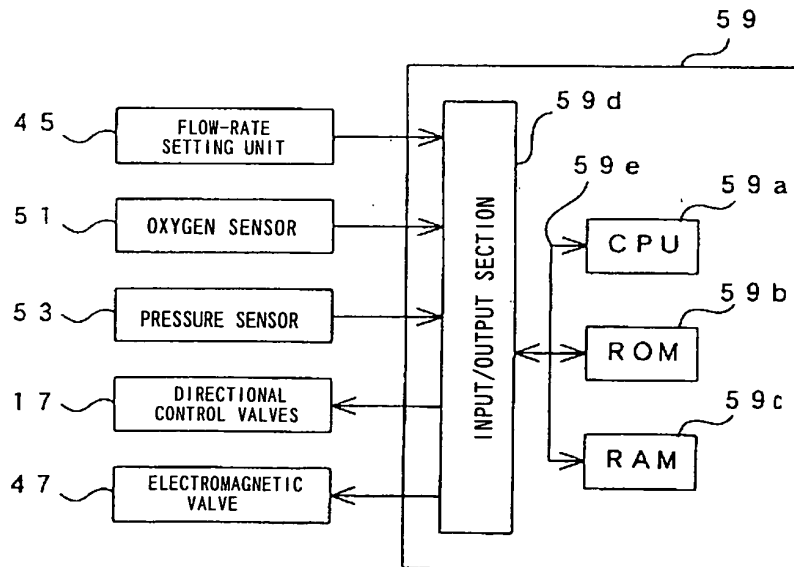
09555660



[FIG. 2]

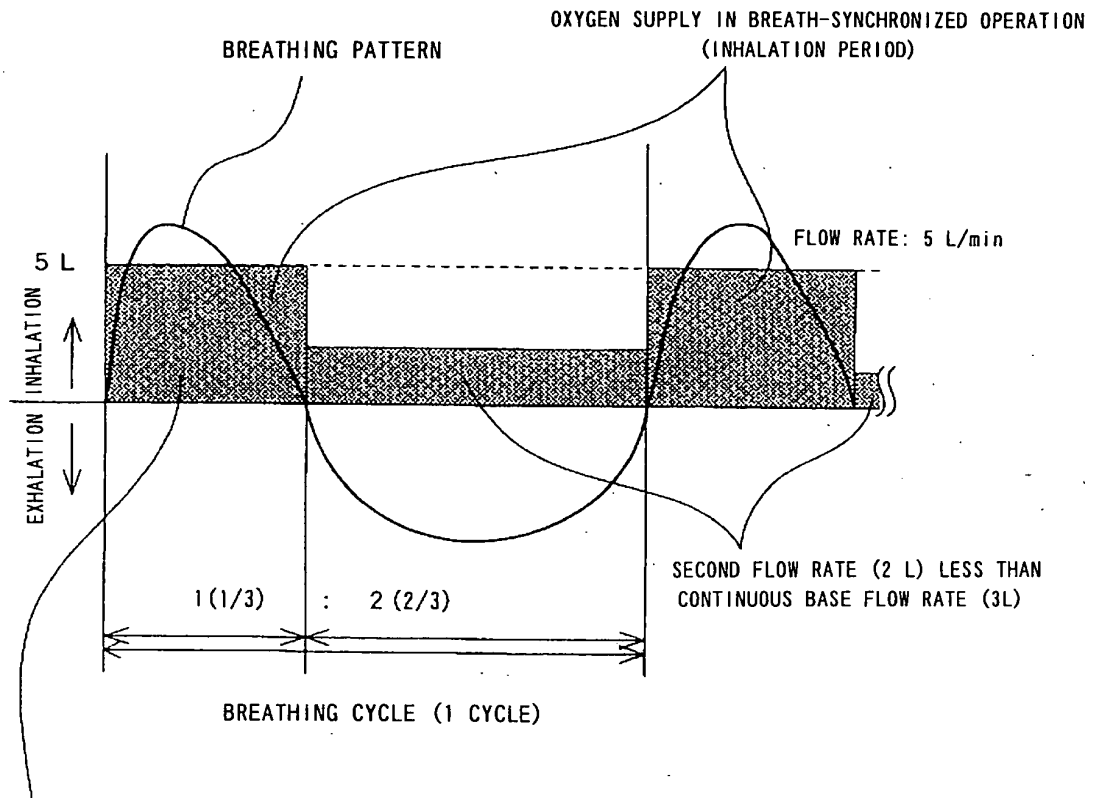


[FIG. 3]



[FIG. 4]

BREATHING CYCLE PATTERN MODEL



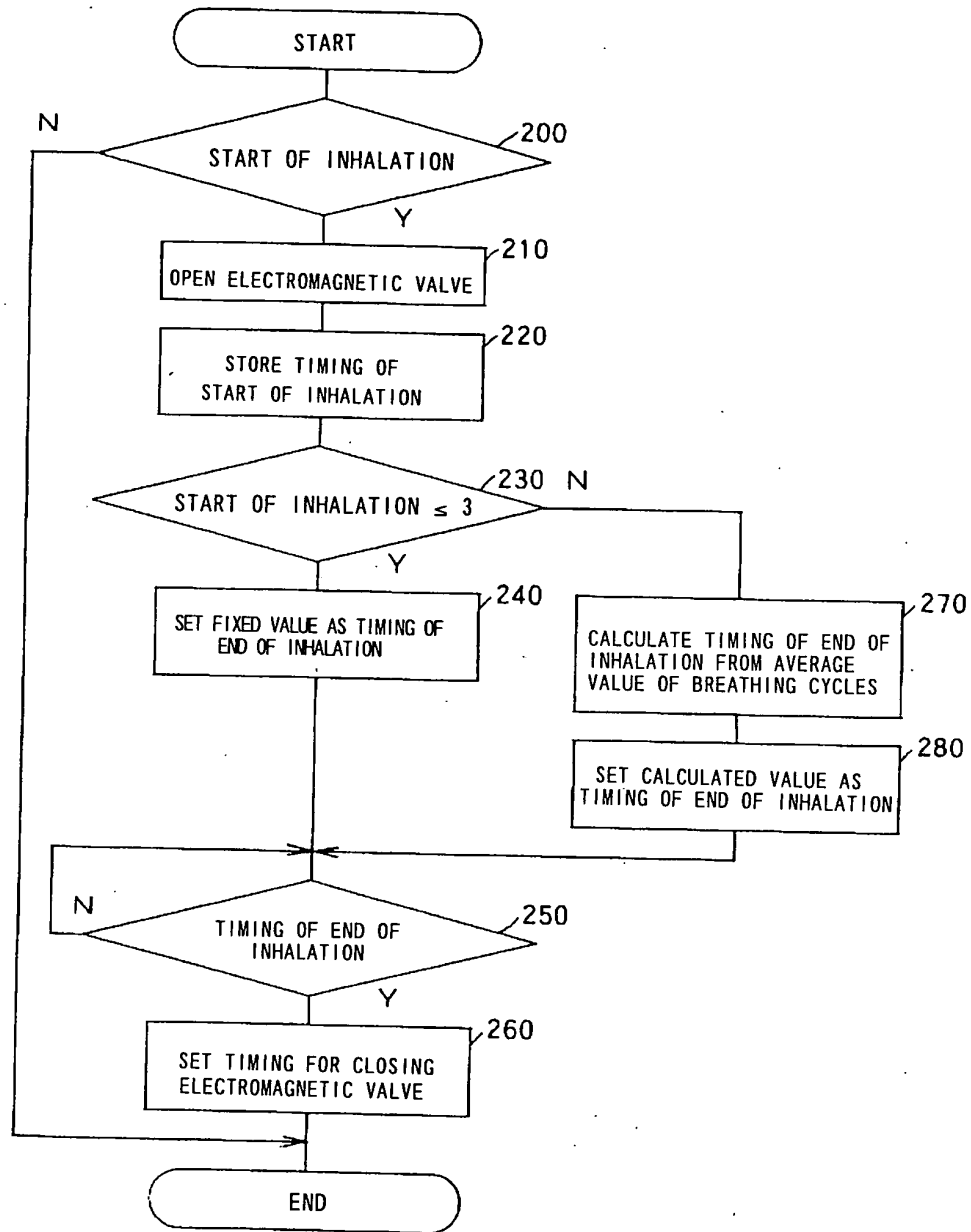
FLOW OF OXYGEN WHEN BREATH SYNCHRONIZATION IS EFFECTED  
 (SET FLOW RATE: 5 L)

0055925.092104  
 101260.52695660

```
graph TD; START([START]) --> D1{SET FLOW RATE ≤ 3L}; D1 -- Y --> B1[CONTINUOUS SUPPLY AT SET FLOW RATE]; D1 -- N --> B2[ACCUMULATE OXYGEN-ENRICHED GAS IN PRODUCT TANKS]; B2 --> B3[DETECT PRESSURE BY USE OF PRESSURE SENSOR]; B3 --> B4[CONTROL ELECTROMAGNETIC VALVE TO PERFORM BREATH-SYNCHRONIZED OPERATION]; B4 --> B1; B1 --> END([END]);
```

The flowchart illustrates the control method for the oxygen-enriched gas supply system. It begins with a START terminal, leading to a decision diamond labeled "SET FLOW RATE ≤ 3L". If the condition is met (Y), the process proceeds to a rectangular block labeled "CONTINUOUS SUPPLY AT SET FLOW RATE", which then leads directly to the END terminal. If the condition is not met (N), the process proceeds to a rectangular block labeled "ACCUMULATE OXYGEN-ENRICHED GAS IN PRODUCT TANKS". This is followed by a rectangular block labeled "DETECT PRESSURE BY USE OF PRESSURE SENSOR", then another rectangular block labeled "CONTROL ELECTROMAGNETIC VALVE TO PERFORM BREATH-SYNCHRONIZED OPERATION". From this final block, the process loops back to the "CONTINUOUS SUPPLY AT SET FLOW RATE" block. The flowchart is labeled with reference numerals 100, 110, 120, 130, and 140.

[FIG. 6]



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[FIG. 7]

